

# Work Order ID 64104

November 24, 2010 9:54:49 AM



Page 1

Item ID:	D3242-1	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Tag					
Start Date:	11/24/10	Start Qty:	10.00		Cust Item ID:	
Required Date:	11/30/10	Req'd Qty:	10.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>CL</u>	Date:	<u>10/11/24</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D3242	Rev C								

100		0.00							
	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>12997</u> <input type="checkbox"/> D3242-1 Tag as per Dwg D3242 <input type="checkbox"/> Material: Hyland Industries M0100840 urethane coated nylon (orange color); use 0.25" high black lettering <input type="checkbox"/> Possible Supplier: Tulmar Safety Systems Inc. Mat'l #1508 <input type="checkbox"/> Material release note is required								

CL 10/11/24 (10)

110		0.00							
	Receive & Inspect for Damage & Mat'l Certs								
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								

CL 10/11/24 (10)

120		0.00							
	QC6- Inspect dimensions to drawing								
QC	Memo	0.00							
Quality Control									

Schulz

(10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

\* **NOTE:** Date & initial all entries

**Work Order ID 64104**

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Item ID: D3242-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Tag

Start Date: 11/24/10 Start Qty: 10.00



Cust Item ID:

Required Date: 11/30/10 Req'd Qty: 10.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: 5+44

0.00



Packaging

Memo

0.00

Packaging

*Handwritten signature and date: 10/11/29 @ 10*

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*Handwritten signature and date: 10/11/30 - MF 10-11-29*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

Page 1

November 24, 2010 9:54:48 AM

Work Order ID: 64104



Parent Item: D3242-1



Parent Item Name: Tag


Start Date: 11/24/10

Required Date: 11/30/10

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A 04.02.20 New issue KJ/DS  
IPP Rev:B 08-03-18 chg to revC DD verified by:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3242-1P  Tag		Purchased	No			100	Each	0.0000	1	10		11/24/10	OK

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

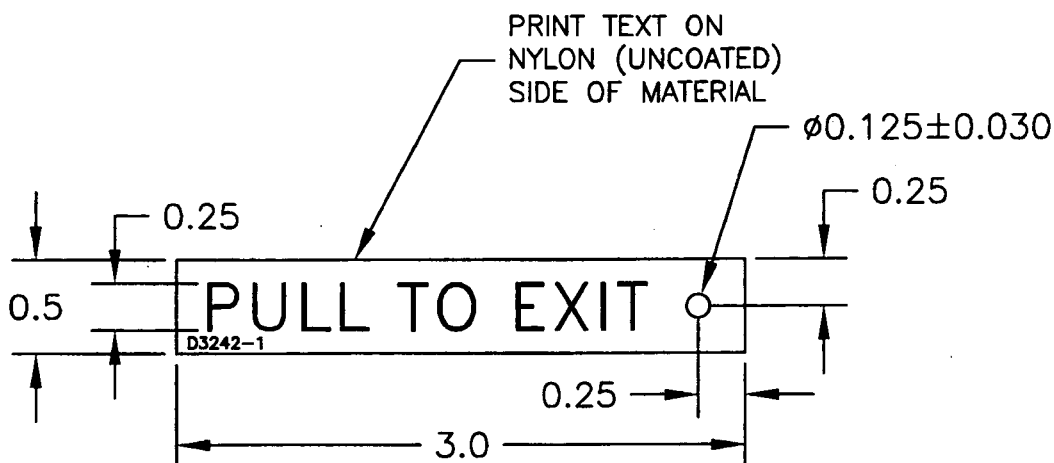
NOTE: Date & initial all entries



DESIGN #	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. D3242	REV. C SHEET 1 OF 1
DATE 07.04.03		TITLE TAG	SCALE 1:1
A	04.01.06	NEW ISSUE	
B	04.02.09	RE-DESIGN	
C	07.04.03	CORRECT/UPDATE MATERIAL; ADD TOL; ADD 0.25 DIM; SPECIFY PRINTING SIDE	

RELEASED

07.04.09



D3242-1 TAG

CD 10/11/24  
w/0:64104

NOTES:

- 1) MATERIAL: HIGHLAND INDUSTRIES M0100840 URETHANE COATED NYLON, ORANGE (REF TULMAR MATERIAL #1508)  
OR  
LAMCOTEC COATING TECHNOLOGIES INC. 200 DENIER URETHANE COATED NYLON, #310 ORANGE (REF TULMAR MATERIAL #1703)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO12997

Purchase Order Date 11/24/10

PO Print Date 11/24/10

Page Number 1 of 1

Order From :

VC-TUL001

TULMAR SAFETY SYSTEMS  
1123 CAMERON ST  
HAWKESBURY, ON K6A 2B8  
CA

Contact Name

Vendor Phone

613 632 1282

Vendor Fax

613 632 2030

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
(613) 632 1053

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3242-1P	Tag	11/30/10 Yes	10.00 Each	Dart Truck	\$11.9500	\$119.50

Special Inst:

AS PER DWG D3242 REV. C  
B64104  
MATERIAL: HYLAND INDUSTRIES  
M0100840 URETHANE COATED NYLON  
(ORANGE COLOR) USE 0.25" HIGH  
BLACK LETTERING

PO Total:

\$119.50

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

Change Nbr:

1

Change Date: 11/24/10

CL  
W

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



# PACKING SLIP

# TULMAR

Tulmar Safety Systems Inc.  
1123 Cameron Street  
Hawkesbury, ON K6A 2B8 CA  
Tel: 613-632-1282  
Fax: 613-632-2030  
MID : XOTULSAF1123HAW  
email: info@tulmar.com

## Bill To:

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

# COPY

Packing Slip No.

**37895**

Ship Date

29-Nov-10

## Ship to:

**Dart Aerospace**  
1270 Aberdeen Street  
TEL: 613-632-9577  
Chantal Lavoie  
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager
25705	24-Nov-10	CDART100	Barney Bangs
PO number	Ship Via	Shipping Terms	
PO12997	Pick-Up	FOB HAWKESBURY	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned
Description			Quantity on back order

5385

10

EA

10

Label Dart, Black letters/Size 3"x 1/2"

Drawing No: D3242 (P/N D3242-1)

DWG Rev: C

Line 1

**Lot No:** BATCH0000000015 Qty: 10

Priority Rating: PLS SHIP ASAP

Shipper

Date:

NOV 29 2010

## Certificate of Conformance

☐ Not Applicable

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

*Roxanne Hawthorne*



Date:

NOV 29 2010



THE

**DISCOVERY/LANCER GROUP**

1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454

**Certificate of Compliance**

DATE: JULY 5th 2010  
OUR PROD. NO.: TW-1091-4  
CUSTOMER P/O NO.: 18089-00  
CUSTOMER: Tulmar Safety Systems Inc.  
PRODUCT: MULTI PLASTIC RETARDER  
QTY. SHIPPED: 4 LITRES  
LOT NO.: 301330  
ROLL NO.: N/A  
MANUFACTURING DATE: 2010  
SHELF-LIFE: 5 YRS.

We certify that the product,

was manufactured, inspected and Conforms to specifications  
applicable to the product.

Signature: Title: SHIPPER

TKS # 7.301. - D-7 / 107 (5)



Laboratory Report Number: TULM001 - 25675

Lamcotec Factory Order Number: 17085

**TULMAR SAFETY SYSTEMS, INCORPORATED**  
**1123 CAMERON STREET**  
**HAWKESBURY, ONTARIO K6A 2Y2**  
**CANADA**

Product Description:

**Heat Sealable Urethane**  
**#310 FL Orange, 200 Denier Nylon Oxford**  
**Fed. Std. 595B #38903**

8  
10/1/29

Tulmar Specification Number:	Mil-C-83489 / 1 - Modified
LCT Specification Number:	2493
Tulmar Order Number:	6949/02
LCT Invoice Number:	25675
LCT Manufacturing Date	03/20/2004
LCT Lab Report Date:	03/22/2004
Width, Inches:	58
Width, Centimeters:	147
Number of Rolls:	12
Number of Net Lineal Yards:	1663
Number of Net Lineal Meters:	1521
Bill of Lading Number:	12549

TSI  
Page

**TEL: (413) 267-4808 FAX: (413) 267-5265**  
**PO BOX 279 MONSON, MA 01057**

Test Reference:

Mil-C-83489/1 Notice 2 Modified, May 11, 1990, Fed-STD 191A,  
Mil-STD 810E

Compliance Certificate:

- I hereby certify that the materials tendered by this report have been manufactured and tested in compliance with the aforementioned specifications.
- Dyed base fabric and urethane pigments of this product were purchased by Lamcotec under the stipulation that they do not contain "AZO" compounds. ("AZO" list available upon request)
- This product is not intended for manufacturing devices used for the containment of food or drinking water.
- Urethane films and coating of this product were purchased by Lamcotec under the stipulation that they have been produced in a repeatable manner. However, due to the nature of the materials used to produce urethane films some variations may occur. Lamcotec cannot be held liable for customer variation in sealing.
- Due to the nature of the material and susceptibility to various storage conditions, Lamcotec is unable to supply a shelf life to our laminates. However, under normal and proper storage, protection from outside elements, and ultra violet lighting the material should store for extended periods of time without adverse effects.

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
<b>Items Required By Mil-C-83489 / 1 Notice 2 - Modified, May 11, 1990</b>			
1. Base Fabric Weight	5041	3.0 Ounces / Square Yard	3.0 Nominal
		102.1 Grams / Square Meter	101.7 Nominal
2. Total Weight	5041	7.0 Ounces / Square Yard	6.5 Minimum 7.5 Maximum
		236.7 Grams / Square Meter	220.4 Minimum 254.3 Maximum
3. Tongue Tear	5134	6 Pounds (f)	4 Min. Warp
		4	3 Min. Weft
		27 Newtons (f) 18	16 Min. Warp 11 Min. Weft

TSS # 1703/02 (2)

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
4. Breaking Strength	5100	<u>245</u> Pounds (f) / Inch	200 Min. Warp
		<u>220</u>	170 Min. Weft
		<u>1073</u> Newtons (f) / 25 Millimeters	876 Min. Warp
		<u>963</u>	744 Min. Weft
5. Breakaway Adhesion (RF Weld) Film to Film	Mil-C-83489 4.4.1	<u>74</u> Pounds (f) / Inch	32 Min. Warp
		<u>324</u> Newtons (f) / 25 Millimeters	140 Min. Warp
6. Air Retention (Film Side Only)	Mil-C-83489 4.4.2	<u>Pass</u>	No Leaks / 10 PSI / 5 Minutes
		<u>Pass</u>	No Leaks / 69 KPA / 5 Minutes
7. Low Temperature	Mil-C-83489 4.4.3	<u>Pass</u>	No Cracking Flaking or Separation
8. Blocking	5872	<u>Pass</u>	Scale Rating - #1 or #2
9. Breaking Strength After Humid Aging	Mil-C-83489 4.4.4 5100	<u>Test</u> Pounds (f) / Inch	160 Min. Warp
		<u>In</u>	136 Min. Weft
		<u>Process</u> Newtons (f) / 25 Millimeters	700 Min. Warp
			595 Min. Weft
Items Not Required By Mil-C-83489 / 1 Notice 2 Modified, May 11, 1990			
10. Elongation at Break	5100	<u>48</u> %	No Requirement Warp
		<u>67</u> %	No Requirement Weft
11. Strip Adhesion (Heat Sealed) Film to Film	5970	<u>55</u> Pounds (f) / Inch	15 Min. Warp
		<u>241</u> Newtons (f) / 25 Millimeters	66 Min. Warp

TSS # 1703/02

(3)

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
12. Hydrostatic	5512	<u>235</u> Pounds (f) / Square Inch	170 Minimum
		<u>1620</u> Kilopascals	1172 Minimum
13. Hydrostatic Low Pressure	5514	<u>Pass</u>	No Leaks / 1.5 PSI / 5 Minutes
		<u>Pass</u>	No Leaks / 10 KPA / 5 Minutes
14. Mildew Resistance	Mil-STD.810E	<u>Pass</u>	No Fungal Growth Minimum
	MTD 508.4		

BS #1703/02 (L)

Report Page 4

Laboratory Report Number: TULM001 - 25675

Lamcotec Factory Order Number: 17085

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Signed \_\_\_\_\_

Richard J. Anderson, Jr.  
Vice President - Operations

Signed \_\_\_\_\_

Richard J. Malo  
Quality Control Manager

Signed \_\_\_\_\_

Lm  
Laboratory Clerk  
Initials

Distribution:

Copy - Tulmar - Shipments

Copy - Tulmar - Mail

Copy - Laboratory

Update: 10/30/2003

TBS # 1703/02

(5)



THE

**DISCOVERY/LANCER GROUP**

1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454



## Certificate of Compliance

DATE:

APRIL 14 2010

OUR PROD. NO.:

1016G(1014) 1022G(1025)

CUSTOMER P/O NO.:

17700-00

CUSTOMER:

Tulmar Safety Systems Inc.

PRODUCT:

TW MULTI PLASTIC INK

QTY. SHIPPED:

2 GALLONS

LOT NO.:

051909012  
081808001

ROLL NO.:

MANUFACTURING DATE : MAY 19 2009, AUG 18, 2008.

SHELF-LIFE:

5 YRS

We certify that the product,

1016G - BLACK1022G - FIRE REDTW MULTI PLASTIC INK

was manufactured, inspected and Conforms to specifications  
applicable to the product.

Signature:

Title:

SHIPPER

TSS 7306/24 (SL)

0507-259-519 52:01 2007/00/11